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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/706,473	11/07/2003	Sung Joon Park	4485/GLD/002	6739

7590 03/21/2006  
Mr. Eric Chan  
42 Pin Oaks Drive  
Phoenixville, PA 19460

EXAMINER

HOGUE, GARY CHAPMAN

ART UNIT PAPER NUMBER

3611

DATE MAILED: 03/21/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No. 10/706,473	Applicant(s) PARK, SUNG JOON	
	Examiner Gary C. Hoge	Art Unit 3611	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 3-7 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 3-7 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 August 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____.  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 112*

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 4-7 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 4 and 5 have numerous lack of antecedent basis problems. Rather than point out each one, the Examiner instead suggests the following amendments, which will place the application in condition for allowance:

4. (currently amended)      A [The] trigonal prism turning display device for advertisement comprising: six trigonal prisms arranged in a shape of a regular triangle, each of said six trigonal prisms having an advertising screen displayed on each of the three sides thereof; upper and lower turning discs for supporting said six trigonal prisms and rotating together with a main shaft; driving means mounted under said lower turning disc, for rotating said six trigonal prisms; a disc-shaped device supporting means mounted under said driving means and fixed to an [the] inner surface of a cylindrical housing at an [the] outer peripheral portion thereof, for supporting said main shaft and said driving means; and a motor disposed under said disc-shaped device supporting means in such a manner as to be connected to a [the] lower end of said main shaft by a coupler, wherein said main shaft is coupled to a [the] shaft of said motor through said coupler, at a [the] lower end thereof, is secured on a [the] central portion of said lower turning

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disc, [at the central portion thereof,] and is secured on a [the] central portion of said upper turning disc, [at the upper end thereof,] such that said upper and lower turning discs are rotated together with said main shaft that delivers the rotating force of said motor to said driving means; said cylindrical housing is made of a transparent acryl and includes [places] a fixing member that is adapted to fix said main shaft in a [the] central portion of an [the] upper surface thereof, said six trigonal prisms in an [the] upper portion thereof, said driving means in a [the] central portion thereof, and said motor in a [the] lower portion thereof; said driving means comprises: a base gear coupled to said main shaft through a bold that is fixedly installed on a [the] central portion of said device supporting means [part]; a pair of crankshaft gears engaged with said base gear at intervals of 180° in a rotating direction of said base gear; a pair of connecting rods fixedly mounted at [the] margins of crank connecting discs that are secured on lower surfaces of said crankshaft gears; a pair of crankshafts connected to frontal ends of said connecting rods; a pair of partial gears fixed on said crankshafts at rotating central portions thereof; first and second trigonal prism power transmission gears engaged with said partial gears at a lower portion thereof so as to be rotated as said partial gears are rotated; first trigonal prism turning gears that are engaged at intervals of 120° with said first trigonal prism power transmission gear[s] such that [the] three trigonal prisms [of odd numbers] are rotated; and second trigonal prism turning gears engaged at intervals of 120° with said second trigonal prism power transmission gear[s] such that the other trigonal prisms [of even numbers] are rotated.

Claim 5 (currently amended) The trigonal prism turning display device according to claim 4, wherein each of said first trigonal prism turning gears has a first turning gear shaft

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extending upwardly from a central portion thereof, a first disc-shaped connecting member is mounted at a top end of each of said first turning gear shafts and each of said first disc-shaped connecting members is secured on a bottom surface of one side of each of said three trigonal prisms [of odd numbers] at a central upper surface thereof, such that said three trigonal prisms [of odd numbers] are rotated as said first trigonal prism turning gears are rotated, and each of said second trigonal prism turning gears has a second turning gear shaft extending upwardly from a central portion thereof, a second disc-shaped connecting member is mounted at a top end of each of said second turning gear shafts, and each of said second disc-shaped connecting members is secured on a bottom surface of one side of each of said other trigonal prisms [of even numbers] on a central upper surface thereof, such that said other trigonal prisms [of even numbers] are rotated as said second trigonal prism turning gears are rotated.

### *Allowable Subject Matter*

3. Claims 4-7 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action.

### *Conclusion*

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after

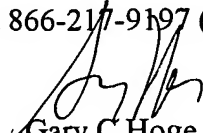
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the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gary C. Hoge whose telephone number is (571) 272-6645. The examiner can normally be reached on 5-4-9.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lesley Morris can be reached on (571) 272-6651. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Gary C Hoge  
Primary Examiner  
Art Unit 3611

gch